

## **ABSTRACT**

[0045] A method for displaying a communication network in a graphical user interface (GUI) display is disclosed. The method includes displaying at least a portion of the communication network in the GUI display, including a plurality of network element icons representing a plurality of network elements and logical connections among the plurality of network element icons. The method further includes ascertaining a first set of properties associated with a first network element of the plurality of network elements, the first set of properties representing properties associated with the first network element in the communication network. The method additionally includes displaying at least one visual indicator in the GUI display, the at least one visual indicator being displayed in a visually connected manner with a first network element icon representing the first network element, the at least one visual indicator visually indicating in the GUI display that the first set of properties is associated with the first network element in the communication network.